Healthcare Careers for you!

Beaumont Health

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Whether you are in elementary, junior high or high school it’s never too early to start planning for a career. Searching for interesting and rewarding career opportunities can be an overwhelming journey without a good place to start. As with any venture, pointing yourself in the right direction is essential to meeting your goal. We believe that the future of healthcare holds many opportunities with regard to potential for growth and technological advancement.

One of our objectives is to ensure a continued supply of motivated, talented people to care for our patients. This booklet provides a general framework for those who would like to explore the many types of careers available in healthcare. At Beaumont, over six hundred types of jobs exist to provide direct patient care or support the people who do. These profiles highlight only a few of the possibilities.

Hopefully, one of these summaries will encourage you to contact your counselor, library, local college or university for a closer look at these exciting professions. For contact information on colleges and universities, the last section of this booklet lists telephone numbers and web sites of many schools located in Michigan.

There is one very important thing to know before you start
planning. Many health systems, including Beaumont, have a nicotine-free hiring policy. What does that mean for you? It means if you are a cigarette/cigar smoker, or use other nicotine products like electronic cigarettes and hookah, you will not be hired.

Health systems today not only promote healthy lifestyles, they serve as examples of health and wellness for the community. So if you are thinking about smoking, don’t start. If you do smoke plan to quit now, especially if you are planning for a career in healthcare.

Wishing you success!

Human Resources
March 2018

**Why choose healthcare?**

- You can make an impact by helping others
- **Job growth**—US Bureau of Labor Statistics, eight of the top 20 fastest growing professions are in the healthcare industry.
- **Jobs are available for all education and experience levels**
- Competitive earning potential
- Healthcare is exciting—never a dull moment.
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Physician

Physicians direct and are ultimately responsible for the overall medical care of patients. Any treatment a patient receives at the hospital must be ordered by a physician, or under the direction of a physician.

Education Requirements
Undergraduate college degree (4 years), M.D. or D.O. degree from an accredited medical school (4 years).

Experience Requirements:
A physician must complete two years of residency for licensure in Michigan. To train in a specialty an additional one to six years of residency training is required.

Job Outlook:
Employment of physicians and surgeons is projected to grow 18 percent from 2012 to 2022, faster than the average for all occupations. Job growth will occur because of the continued expansion of healthcare-related industries.

Recommended Coursework:
Basic science and mathematics are important, but a well-rounded curriculum is recommended.
Physician (Cont’d)

Some Physician Areas of Practice Include:

- Aerospace Medicine
- Allergy and Immunology
- Anesthesiology
- Cardiovascular Surgery
- Colon and Rectal Surgery
- Dermatology
- Diagnostic Radiology
- Ears, Nose & Throat (ENT)
- Emergency Medicine
- Family Medicine
- Genetics
- Geriatric Medicine
- Hematology & Oncology
- Infectious Disease
- Internal Medicine
- Interventional Cardiology
- Interventional Radiology
- Nephrology
- Neurology
- Neurosurgery
- Nuclear Medicine
- Obstetrics and Gynecology
- Occupational Medicine
- Ophthalmology
- Orthopaedics
- Otolaryngology
- Pain Management
- Pathology-Anatomic
- Pathology-Clinical
- Pediatrics
- Physical Medicine & Rehabilitation
- Plastic Surgery
- Podiatry
- Preventive Medicine
- Psychiatry
- Pulmonary Medicine
- Radiation Oncology
- Reproductive Endocrinology
- Rheumatology
- Sleep Medicine
- Sports Medicine
- Surgery
- Thoracic and Cardiac Surgery
- Transplant Surgery
- Urology
- Vascular Surgery
Accounting & Finance
Accountant

The Accountant is responsible for general ledger accounting analysis and reconciliation for the Hospitals and related divisions. Other duties include preparations of monthly accounting journal entries, analyzing interim financial statements and preparing monthly financial reports. It is also the responsibility of the Accountant to understand the theory behind the practice of Accounting and to apply those theories in the work environment.

Education Requirements
Bachelors Degree in Accounting, Finance or Business Administration. Masters Degree or Certified Public Accountant is preferred.

Experience Requirements:
Prior experience in a healthcare finance or public accounting setting along with strong computer knowledge.

Job Outlook:
Strong growth of accountants and auditor jobs over the 2006-16 decade is expected to result from stricter accounting and auditing regulations along with an expanding economy. The best job prospects will be for accountants and auditors who have a college degree or any certification, but especially a CPA.

Recommended Coursework:
Accounting Analyst

**Median Pay:**
- $42,067 per year
- $20.23 per hour

This is a support position for the senior level Accounting staff. The Accounting Analyst is responsible for preparation of monthly financial reports.

The information contained in these reports is reviewed by the supervisory staff and forwarded to Hospital Administration to assist in the decision making process.

**Education Requirements:**
Associates Degree in Accounting or related field

**Experience Requirements:**
Prior experience with bookkeeping, Junior Accountant or Accounting Clerk experience.

**Job Outlook:**
The Bureau of Labor Statistics expects jobs for accountants and auditors to grow at a rate of 16 percent through 2020, which compares to a projected average rate of 14 percent growth for all U.S. jobs.

**Recommended Coursework:**
Math, accounting, computer experience (Microsoft Excel)
The Accounts Receivable Specialist is responsible for collecting money from either the insurance company or the patient for services provided by the hospital. This involves reviewing the patient’s record to identify what services were provided by the hospital, knowing what type of insurance the patient has, and the proper billing codes to associate with each service that was rendered (x-ray, medication, etc.). In some cases a patient’s insurance company will only cover a certain percentage or the patient may have no insurance at all. In these cases the Accounts Receivable Specialist will contact the patient to set up a payment schedule so the hospital can receive payment for the services that were provided.

**Educational Requirements:**
High School diploma

**Experience Requirements:**
Prior medical billing experience strongly preferred.

**Job Outlook:**
Very good, hospitals and physicians’ offices are always looking for candidates who have strong medical billing experience.

**Recommended Coursework:**
Allied Health
Dietician

The Dietitian serves as the nutrition specialist on the health care team to assess the nutritional status of patients and develop care plans to meet each individual’s needs. Nutrition education is a major responsibility both in the hospital and in the community. The Dietitian is also responsible for applying up-to-date techniques of food service management, food production, sanitation, and safety. Many areas of specialization are open to the Dietitian including community health, food service, administration, and multiple clinical specialties.

Educational Requirements:
The position requires a Baccalaureate or Masters Degree program along with an internship of ADA approved pre-professional practice program. Successful completion of the ADA registration exam along with 75 hours of continuing education credits every five years are needed for employment.

Experience Requirements:
Entry level requires the completion of an internship or practice program.

Job Outlook:
Employment of dietitians and nutritionists is expected to increase 20 percent from 2010 to 2020.

Recommended Coursework:
Strong Science background (Biology, Chemistry)
Pharmacist

Monitor patients’ medication therapy, teach patients about their medication and provide drug information. Control and oversees distribution of medications in the hospital.

**Educational Requirements:**
Doctor of Pharmacy or Pharm.D. degree; graduate of a college of pharmacy. MI Pharmacy and Controlled Substance license required.

**Experience Requirements:**
Individuals gain experience during school through clinical experiences. Some graduates pursue additional experience through 1 to 2 year residency programs or fellowships.

**Job Outlook:**
Employment is expected to increase much faster than the average in the next decade as employment of pharmacists is expected to rise almost 22 percent.

**Recommended Coursework:**
Science, math and college preparatory.
Pharmacy Technician

**Median Pay:**
$34,062 per year
$16.37 per hour

Under the direction of the Pharmacist, prepare unit dose and I.V. mixtures. Deliver medications and input physician orders into the computer system for proper tracking, which helps support care for the patient.

**Educational Requirements:**
High School diploma or equivalent. Graduate of a pharmacy technician training program including clinical rotations.

**Experience Requirements:**
One year of Pharmacy Technician experience required.
Prefer experience in community or hospital settings

**Job Outlook:**
Employment of pharmacy technicians is expected to increase by 32 percent from 2010 to 2020, much faster than the average for all occupations.

**Recommended Coursework:**
Science, Math, Computers
Physician Assistant

Physician assistants, also known as PAs, practice medicine on a team under the supervision of physicians and surgeons. They are formally educated to examine patients, diagnose injuries and illnesses, and provide treatment. They are assigned to manage patients of physicians in a number of different specialties such as cardiology, cardiovascular surgery, oncology, orthopedic surgery, heart failure, etc.

**Educational Requirements:**
Graduation with a Masters degree from an accredited physician assistant program.

**Experience Requirements:**
Must pass the Physician Assistant National Certifying Exam and be licensed in the State of Michigan.

**Job Outlook:**
Employment of physician assistants is projected to grow 38 percent from 2012 to 2022.

**Recommended Coursework:**
High school: College prep
College: Pre-med, nursing and science
Radiation Therapist

To administer a prescribed course of radiation treatment while participating in the treatment planning process and established quality control procedures. Maintain pertinent records of the treatment and patient progress.

Educational Requirements:
Associates degree in Science related field. Successful completion of JRCERT accredited program in Radiation Therapy and registered by the American Registry of Radiologic Technologists.

Experience Requirements:
Experience is acquired through a clinical internship.

Job Outlook:
Employment is expected to increase much faster than the average from now through 2016, and job prospects should be good.

Recommended Coursework:
Physics, Trigonometry, Medical Law & Ethics, Medical Terminology, and introductory course in Computers, Anatomy, and Physiology; or successful completion of JRCERT accredited Radiologic Technology Program.
Respiratory Therapist

Respiratory therapists care for patients who have trouble breathing—for example, from a chronic respiratory disease, such as asthma or emphysema. Their patients range from premature infants with undeveloped lungs to elderly patients who have diseased lungs. They also provide emergency care to patients suffering from heart attacks, drowning, or shock.

Educational Requirements:
Minimum: Two year Associates degree.
Four year Baccalaureate also available.

Experience Requirements:
New graduates from accredited programs will usually have acceptable experience from their clinical rotations.
Registered or registry eligible.

Job Outlook:
Employment of respiratory therapists is projected to grow 19 percent from 2012 to 2022. Growth in the middle-aged and elderly population will lead to an increased incidence of respiratory conditions such as emphysema, chronic bronchitis, and pneumonia. These respiratory disorders can permanently damage the lungs or restrict lung function.

Recommended Coursework:
Science, Mathematics, Computer Science, Humanities
**Surgical Technologist**

**Median Pay:**
- $42,069 per year
- $20.23 per hour

Functions as a member of the sterile team during the intraoperative phase of patient care; maintains surgical aseptic and safety standards. Responsible for the overall organization of the sterile operative field, specific to procedure, surgeon and patients’ age related needs.

**Educational Requirements:**
Graduate from an accredited Surgical Technologist program. Accreditation may include the following bodies: CAAHEP through ARC/STSA via collaborative efforts with AST, ACS, & SASA.

**Experience Requirements:**
Previous surgical technologist experience and basic life support for healthcare personnel

**Job Outlook:**
Employment of surgical technologists is projected to grow 30 percent from 2012 to 2022. Advances in medical technology have made surgery safer, and more operations are being done to treat a variety of illnesses and injuries.

**Recommended Coursework:**
Anatomy, biology, and medical terminology
Allied Health Imaging
CT Technician

A computerized tomography (CT) technician is basically an individual whose job description entails specialization in taking cross-sectional x-ray images consisting of tissues, bones, organs and blood vessels in the area of a patient's body. CT is the short-term for computed tomography, such individual work either in hospitals, clinics or dentist's offices.

Education Requirements:
Graduated from an accredited school of radiologic technology; has an active registered status with ARRT and has advanced certification in CT.

Experience Requirements:
Must demonstrate all clinical and computer aspects of an imaging technologist.

Job Outlook:
Job opportunities for CT technicians are expected to increase 17 percent during the 2008-2018 decade.

Recommended Coursework:
Two years technical radiologic technology program. Additional CT training on the job or through a CT program.
Mammography Technologist

**Median Pay:**
- $55,638 per year
- $26.74 per hour

Mammography Technologists work with patients and operate the equipment that produces images of breasts for medical diagnosis and detection of problems. Mammography is an advanced-level specialty imaging procedure that uses low dose, high contrast, and high-resolution images. Successful detection and treatment of breast cancer depends on early diagnosis, and mammography is the primary means of early detection.

**Educational Requirements:**
Graduated from an accredited school of radiologic technology; has an active registered status with ARRT and has advanced certification in mammography.

**Experience Requirements:**
Must demonstrate all clinical and computer aspects of an imaging technologist.

**Job Outlook:**
Employment is projected to grow faster than average, and job opportunities are expected to be favorable.

**Recommended Coursework:**
Two years technical radiologic technology program with additional mammography training.
MRI Technologist

Magnetic resonance imaging (MRI) technologists use cutting-edge technology to create high-definition, three-dimensional pictures of organs and tissues inside the body. These images are among the most powerful diagnostic tools available and are particularly useful for studying the brain, heart and muscles as well as certain kinds of cancers.

Educational Requirements:
Graduated from an accredited school of radiologic technology; has an active registered status with ARRT and has advanced certification in MRI.

Experience Requirements:
Must demonstrate all clinical and computer aspects of an imaging technologist.

Job Outlook:
There is a demand for MRI technologists, with employment growing faster than average in hospitals as well as doctors' offices, clinics, and specialty radiology or imaging centers. A license is required in most states.

Recommended Coursework:
Two years technical radiologic technology program. Additional MRI training on the job or through a MRI program.
Nuclear Medicine Technologist

Median Pay:
$68,492 per year
$32.93 per hour

Nuclear medicine technologists use a scanner to create images of various areas of a patient’s body. They prepare radioactive drugs and administer them to patients undergoing the scans. The radioactive drugs cause abnormal areas of the body to appear different from normal areas in the images. Most nuclear medicine technologists work in hospitals. Some work in physicians’ offices or imaging clinics.

Educational Requirements:
Minimum of Associate Degree, Graduate of an approved training program in Nuclear Medicine technology. Certification by NMTCB and/or Registry by ARRT

Experience Requirements:
Experience obtained in internship experiences during training.

Job Outlook:
Employment of nuclear medicine technologists is expected to grow by 19 percent from 2010 to 2020.

Recommended Coursework:
Strong background in sciences such as biology, math, physics and computer science. Many colleges and hospitals offer programs in nuclear medicine technology. Programs that affiliate with colleges and universities offer either an associate's or bachelor's degree. Hospital programs offer a certificate of completion.
Radiologic Technologist

**Median Pay:**
- $47,132 per year
- $22.66 per hour

Radiologic technologists perform diagnostic imaging examinations, such as x-rays, on patients. Most radiologic technologists work in hospitals. Some work in physicians’ offices or imaging clinics.

**Educational Requirements:**
Graduate of an accredited school of Radiologic Technology and successful completion of the Registry examination by the American Registry of Radiologic Technologist. Registered or registry eligible within 1 year.

**Experience Requirements:**
Excellent interpersonal skills, experience in a hospital or physicians office is highly desirable.

**Job Outlook:**
Employment of radiologic technologists is expected to grow by 28 percent from 2010 to 2020, faster than the average for all occupations.

**Recommended Coursework:**
Algebra, Biology, Medical Terminology and a strong preparation in Math and Science
Ultrasonographer

**Median Pay:**
- $62,194 per year
- $29.90 per hour

Ultrasonographers use special imaging equipment that directs sound waves into a patient’s body (in a procedure commonly known as an ultrasound, sonogram, or echocardiogram) to assess and diagnose various medical conditions.

**Educational Requirements:**
Completed ultrasound training school or equivalent.

**Experience Requirements:**
Clinical experience gained while in training program.

**Job Outlook:**
Employment of diagnostic medical sonographers is expected to grow by 44 percent between 2010 and 2020, much faster than the average for all occupations. As ultrasound technology evolves, it will become a more common method used to assist in diagnosing medical conditions, favored over more invasive procedures.

**Recommended Coursework:**
Anatomy, physiology, and mathematics
A specialty Ultrasound position. A technologist performs non-invasive ultrasounds on a person’s veins and/or arteries to obtain valuable information regarding blood flow.

**Educational Requirements:**
Graduation from an accredited Vascular Technology program with either an Associates degree in Allied Health Technology or completion of a diploma Vascular Ultrasound program. Registered or registry eligible within 2 years.

**Experience Requirements:**
Upon successful completion of an accredited program, technologist may obtain an entry-level ultrasound position (Tech I). After a specified amount of experience, a national competency exam may be taken to obtain an RVT (Registered Vascular Technologist). This certification helps your advancement to Tech II. Prefer 2 years of vascular experience.

**Job Outlook:**
Employment of vascular technologists is projected to grow 39 percent from 2012 to 2022.

**Recommended Coursework:**
Anatomy & Physiology, Physics
Allied Health Laboratory Services
Cytogenetic Technologist

Performing scientific tests that are essential for the diagnosis and treatment of chromosome disorders. Chromosomal changes may cause mental retardation, physical deformities, or cancer.

Educational Requirements:
B.S. in Biology, Genetics, or Medical laboratory Sciences required. Training in a formal Cytogenetic Technology Program preferred.

Experience Requirements:
Experience in culturing tissue and cells to obtain chromosome preparations. Experience in microscopic interpretation of chromosome morphology.

Job Outlook:
Rapid developments in clinical and molecular cytogenetics have created many career opportunities in hospital, industrial or private laboratories, and research facilities.

Recommended Coursework:
Genetics, Embryology, Microbiology, Physiology, Biochemistry, Organic and Inorganic Chemistry,
Histotechnologist

**Median Pay:**
- $52,673 per year
- $25.33 per hour

Prepares and stains tissue for microscopic evaluation by a pathologist to establish and confirm a patient's diagnosis. Performs specialized procedures such as special stains, muscle enzyme procedures, immunohistochemistry, and electron microscopy.

**Educational Requirements:**
Bachelor's of Science in Biology or Medical Library Science required. Training in a formal Histotechnology Program preferred.

**Experience Requirements:**
Experience in processing and sectioning tissues. Experience in staining tissues in over 70 procedures. Experience in using light, fluorescence and electron microscopes.

**Job Outlook:**
Demand for Histotechnologists and Histologic Technicians is expected to go up, with an expected 28,570 new jobs filled by 2018. This represents an annual increase of 2.17 percent over the next few years.

**Recommended Coursework:**
Anatomy, Physiology, Microbiology, Immunology, Histology, Biochemistry, Organic and Inorganic Chemistry, Laboratory, Mathematics, Medical Terminology, Computers
Laboratory Assistant

Median Pay:
$32,352 per year
$15.56 per hour

The Laboratory Assistant is responsible for technical, semi-technical, and clerical functions in Chemistry.

They support the Medical Technologist in completing the chemical analysis of body fluids received in the department. The Lab Assistant will spin, sort, aliquot, and distribute specimens to the various workstations in Chemistry. Assists in answering phones, calling results, and other clerical functions.

Educational Requirements:
High School graduate or equivalent

Experience Requirements:
Must be able to multi-task in a fast paced environment.

Job Outlook:
Employment of laboratory assistants is projected to grow 10 percent from 2012 to 2022.

Recommended Coursework:
Medical terminology, Word, Windows
Medical Technologist

Median Pay:
$ 55,638 per year
$ 26.74 per hour

Responsible for performing diagnostic and therapeutic laboratory tests. Many analyses are performed on automated instruments; others are performed manually following complex steps. Interpretation for acceptability of results required.

Educational Requirements:
Baccalaureate Degree in Medical Technology, Biology and Chemistry, or Allied Health with required science coursework. Additionally, clinical practicum program in medical technology and certification ASMT (ASCP).

Experience Requirements:
Clinical training in an accredited program required for entry-level position. Demonstrable problem solving and analytical skills are essential.

Job Outlook:
Employment of medical technologists is expected to grow by 11 percent between 2010 and 2020, about as fast as the average for all occupations.

Recommended Coursework:
Biology including Medical Microbiology, Immunology, Parasitology and Mycology; Chemistry including Biochemistry; Immunohematology; Hematology; Math and Physics. Instrumentation computer coursework also.
Phlebotomist

A phlebotomist collects blood samples from medical patients. As a phlebotomist, you draw blood using methods such as the venipuncture procedure; this is a common bloodletting procedure using a tourniquet placed above the drawing site and a butterfly needle. This technique allows you to fill tubes containing different additives for different lab tests.

**Educational Requirements:**
High School degree or equivalent

**Experience Requirements:**
Venipuncture experienced required.

**Job Outlook:**
Employment of phlebotomists is projected to grow 27 percent from 2012 to 2022, much faster than the average for all occupations. Hospitals, diagnostic laboratories, blood donor centers, and other locations will need phlebotomists to perform blood work.

**Recommended Coursework:**
Math and science
Allied Health Rehabilitation
The ABA Therapist often works with children living with developmental disabilities, primarily autism. Some therapists work in group settings while others work individually with their patients. Therapists practice the ABA process of therapy to improve growth, development and quality of life.

**Educational Requirements:**
High School Diploma with applicable college courses in conjunction with Autism practicum (or equivalent experience) preferred; bachelors degree in psychology or related field with additional field experience highly preferred.

**Experience Requirements:**
Ability to apply the principles of applied behavior analysis under direct supervision to teach developmentally appropriate skills and intervene on potentially difficult behaviors for young children with autism spectrum disorders.

**Job Outlook:**
The job market looks promising for ABA therapists. According to the U.S. Bureau of Labor Statistics, employment is expected to increase by 26% between 2008 and 2018.

**Recommended Coursework:**
Early childhood develop, psychology
Certified Occupational Therapy Assistant (COTA)

Certified occupational therapy assistants work under the direction of occupational therapists in treating patients with injuries, illnesses, or disabilities through the therapeutic use of everyday activities. They help these patients develop, recover, and improve the skills needed for daily living and working.

Educational Requirements:
Associates Degree in Occupational Therapy from an accredited college or university occupational therapy assistant program. NBCOT certification and licensed with the State of Michigan

Experience Requirements:
Clinical experience obtained while in COTA program.

Job Outlook:
Employment of occupational therapy assistants is expected to increase 43 percent from 2010 to 2020.

Recommended Coursework:
psychology, biology, and pediatric health
Fitness Instructor

**Median Pay:**
- $40,056 per year
- $19.26 per hour

Fitness trainers and instructors lead, instruct, and motivate individuals or groups in exercise activities, including cardiovascular exercise (exercises for the heart and blood system), strength training, and stretching. They work with employee wellness and in the community.

**Educational Requirements:**
High school diploma or GED equivalent

**Experience Requirements:**
CPR certified. Current fitness certification required, specifically for classes teaching.

**Job Outlook:**
Employment of fitness trainers and instructors is expected to grow by 24 percent from 2010 to 2020, faster than the average for all occupations. As businesses and insurance organizations continue to recognize the benefits of health and fitness programs for their employees, incentives to join gyms or other fitness facilities will increase the need for workers in these areas.

**Recommended Coursework:**
Exercise science, kinesiology, or physical education, nutrition, exercise techniques, and group fitness.
The Occupational Therapist (OT) is responsible for the restoration of daily functions. The O.T. evaluates patient function, interprets results, plans and implements a specific treatment program based on the principles and practices of occupational therapy. O.T may do job analysis and functional capacity evaluations to determine an individual’s ability to perform certain tasks or jobs.

**Educational Requirements:**
Master’s Degree in Occupational Therapy from an accredited school of occupational therapy. Registry with the American Occupational Therapy Association.

**Experience Requirements:**
Good interpersonal skills with people of all ages, social-eco status and cultures, and disabilities.

**Job Outlook:**
Employment of occupational therapists is expected to increase 33 percent from 2010 to 2020, much faster than the average for all occupations. Occupational therapy will continue to be an important part of treatment for people with various illnesses and disabilities, such as Alzheimer’s disease, cerebral palsy, autism, or the loss of a limb.

**Recommended Coursework:**
Science, Human Development, Psychology
**Physical Therapist**

**Median Pay:**
$68,492 per year  
$32.93 per hour

The Physical Therapist evaluates, develops a plan of care, and treats patients with neuromuscular and musculoskeletal dysfunction.

The Physical Therapist works with a variety of heat/cold modalities, electricity, exercise, and massage. The Physical Therapist works closely with other members of the allied health team.

**Educational Requirements:**
This position requires graduation from an American Physical Therapy Association (APTA) approved curriculum with a Doctor of Science in Physical Therapy.

**Experience Requirements:**
Successful completion of the University courses plus completion of an 18 week clinical affiliation program.

**Job Outlook:**
Employment of physical therapists is expected to increase 39 percent from 2010 to 2020.

**Recommended Coursework:**
Science, Math, Psychology
Physical Therapy Assistant

The PTA assists the physical therapist in implementing a plan of care of Physical Therapy for the patient. This person has learned treatment skills and understands the rationale for treatment.

Educational Requirements:
Associate’s Degree from a Physical Therapist Assistant program, approved by the American Physical Therapy Association.

Experience Requirements:
Successful completion of didactic and clinical requirements of the school.

Job Outlook:
Employment of physical therapist assistants is expected to increase 46 percent from 2010 to 2020, much faster than the average for all occupations. Demand for physical therapy services is expected to increase in response to the healthcare needs of a growing elderly population.

Recommended Coursework:
Biology, Chemistry, Physics, Algebra, English, Psychology, Anatomy, Physiology, Kinesiology
Speech & Language Pathologist

Speech and Language Pathologists treat individuals who have lost or failed to develop the ability to communicate. Speech, language, voice, and swallowing problems are treated in a clinical setting. An interdisciplinary approach is often required involving other health care professionals. Both children and adults are seen with communication disorders.

Educational Requirements:
A Master’s Degree from an accredited university is required with the Certificate of Clinical Competence in Speech-Language Pathology requirement being met through the American Speech-Language and Hearing Association.

Experience Requirements:
A Speech and Language Pathologist must complete the clinical fellowship year after training and then can function as a full certified clinician.

Job Outlook:
Employment is expected to grow by 23 percent from 2010 to 2020, faster than the average for all occupations.

Recommended Coursework:
The Master’s Degree includes work in communication disorders, psychology, anatomy and physiology and basic science.
Information Technology
Applications Analyst

**Median Pay:**
$66,608 per year
$32.03 per hour

Assists in research and fact-finding to develop, configure or modify moderately complex information systems. Assists in preparing detailed specifications from which programs will be written or applications configured. Works with customers to develop Use Cases, document current workflows and assists customers in developing future workflows. Designs, codes/configures, tests, debugs, documents, and maintains programs/applications. Competent to work on most phases of applications systems analysis and configuration or programming activities, but requires instruction and guidance in other phases.

**Educational Requirements:**
Bachelor’s degree in Computer Science, Information Systems or other related field

**Experience Requirements:**
Minimum two years work experience in information technology

**Job Outlook:**
Employment is projected to grow 25% between 2012 and 2022, which is must faster than the average for all occupations.

**Recommended Coursework:**
Science and computer classes
Customer Support Rep I

Provide first-line support on all company supported computer applications to include infrastructure, hardware and software related issues to customers from hospital facilities and physician offices; troubleshoot and determine source of computer problems with escalation of more complex issues to Customer Support Representative II or other application specialists for resolution; work in a team setting, share information and assist others with problem resolution.

Educational Requirements:
Associates degree in Computer Science, Engineering or related field preferred

Experience Requirements:
Previous experience providing customer services (not necessarily support) over the telephone, Basic understanding of PC software, operating systems, applications, networks, and hardware

Job Outlook:
Employment of customer support representatives is projected to grow by 17% between 2012 and 2022. This is faster than average for all occupations.

Recommended Coursework:
Computer related courses
Infrastructure Systems Analyst

Maintains accountability for designing, installing, modifying and administration of multiple e-mail systems (GroupWise, Lotus Notes and Microsoft Exchange). Provide second level user support for these systems. Administration of smartphone connectivity applications including Blackberry Enterprise Server, NotifyLink and Novell Data Sync Technologies. Maintain server operating systems including patching, backups, maintenance and new installations. Maintain documentation in support of email use and troubleshooting. Provide after-hours monitoring and support of email system. Participate in email migrations and upgrades.

Educational Requirements:
Bachelor's Degree in business, health care, computer science or related field.

Experience Requirements:
Experience and proven effectiveness in collaboration and working with individuals and teams with diverse backgrounds. Minimum of five years experience in administration of Enterprise E-mail system(s).

Job Outlook:
Employment is projected to grow 25% between 2012 and 2022.

Recommended Coursework:
Science and computer classes
IT Education Analyst

Facilitate the development of training materials associated with defined work flows and software applications used within hospital facilities and physician offices; responsible to translate work flows and business requirements into computerized training materials; responsible to create and provide structured training curriculum and tools based on user role; should be comfortable facilitating and conducting operational and systems training for multi-level end-users across the organization within a classroom setting; provides shoulder to shoulder support in the hospital and physician office areas before, during and after system implementations; provide post-training support to customers as needed; evaluate and update training plans, curriculums and materials to incorporate and remain current with new functionality.

Educational Requirements:
Bachelors degree in Instructional Technology, Computer Science, Information Systems, Education or other related field.

Experience Requirements:
Minimum one year work experience in clinical/hospital setting. Voice recognition software experience a plus.

Job Outlook:
Employment is projected to grow 25 percent from 2012 to 2022.

Recommended Coursework:
Adult education and Microsoft Office.
The IT Technician I facilitates the deployment and support of end user technology (e.g., phones, networking, and remote access) including but not limited to troubleshooting, repair, replacements, moves add changes, and follows IT Standards for System Maintenance and Operations.

**Educational Requirements:**
High School diploma Required. Preferred industry standard certifications (e.g., MCDST, A+, etc.)

**Experience Requirements:**
Experience working with in building wiring and infrastructure. Prefer 1 to 2 years’ experience working as a technician supporting telecommunications systems.

**Job Outlook:**
Employment is projected to grow 17 percent from 2012 to 2022.

**Recommended Coursework:**
MS Project, Word, Excel, Outlook and telecommunications
Acupuncturist

Provides acupuncture to patients at the Integrative Medicine centers to help in alleviating their pain, emotional distress, and promote general well being.

**Educational Requirements:**
Must be board certified by the NCCAOM (National Certification Commission for Acupuncture and Oriental Medicine) and must have a certificate of training from an accredited Traditional Chinese Medicine acupuncture school.

**Experience Requirements:**
Clinical experience gained during training.

**Job Outlook:**
Demand for Acupuncturists is expected to go up, with an expected 24,000 new jobs filled by 2018. This represents an annual increase of 9.55 percent over the next few years.

**Recommended Coursework:**
Anatomy, science, math
Massage Therapist

Massage therapists treat clients by using touch to manipulate the soft-tissue muscles of the body. With their touch, therapists relieve pain, rehabilitate injuries, reduce stress, increase relaxation, and aid in the general wellness of clients.

**Educational Requirements:**
High School Diploma. Graduate of a minimum 500 hours recognized massage therapy program.

**Experience Requirements:**
Oncology/hospital Massage Class through School of Allied Health. Nationally Certified Therapeutic Massage and Body Worker. NCTMB within 3 months of hire.

**Job Outlook:**
Employment of massage therapists is expected to grow by 20 percent from 2010 to 2020, faster than the average for all occupations. Continued growth in the demand for massage services will lead to new openings for massage therapists.

**Recommended Coursework:**
Anatomy, science, math
Reiki Therapist

**Median Pay:**
- $40,056 per year
- $19.26 per hour

Reiki healing is about creating balance among the vital energy fields within the body. A non-invasive treatment, Reiki healing involves a practitioner using light, gentle touch techniques to help clients relax and activate their natural self-healing ability.

**Educational Requirements:**

High School Diploma. Trained by a recognized Master in Reiki or in Healing Touch.

**Experience Requirements:**

Certification in Reiki (Level 2 minimum) and certification in Healing Touch.

**Job Outlook:**

With the emerging field of energy medicine, Reiki is enjoying increasing popularity as a form of treatment, as well as a field of practice for practitioners and Masters. The field is expanding constantly and so are the opportunities.

**Recommended Coursework:**

Anatomy, science, math
Clinical Infection Preventionist

Median Pay:
- $70,244 per year
- $33.76 per hour

Primary responsibility is the prevention and control of infection through, concurrent surveillance, analysis and reporting of Nosocomial infections, development and implementation of control measures, continuous education, routine rounds of all patient care areas.

Educational Requirements:
Baccalaureate Degree in Nursing or Epidemiology

Experience Requirements:
Experience in Epidemiology and/or Masters level courses in Epidemiology.

Job Outlook:
Good

Recommended Coursework:
Science and Mathematics

It's in Your Hands
Clinical Nurse—RN

The Registered Nurse is responsible for the complete care of designated patients through assessment of their needs, planning of their care, implementing and finally evaluating the patients’ care. The R.N. works with other members of the health care team to achieve effective results.

Educational Requirements:
The position requires graduation from an accredited School of Nursing. Programs vary from an Associate degrees at two years, to Bachelor of Science degrees which require four years of college. All these graduates must then achieve R.N. licensure by the Michigan Board of Nursing.

Experience Requirements:
Hospital experience required during course of nursing program. Previous allied health related experience as nursing assistant, medical assistant, etc. is helpful.

Job Outlook:
Employment of registered nurses is projected to grow 19 percent from 2012 to 2022. Specialty areas include Medical/Surgical, Critical Care, Women’s Health, and the Operating Room.

Recommended Coursework:
To coordinate care post discharge and assure that criteria for hospitalization is met throughout entire stay. Interacts with nursing, medical, and ancillary departments’ staff. Interacts with insurance companies and other healthcare agencies outside the hospital to ensure the appropriate follow-up care for the patient.

**Educational Requirements:**
Bachelors in Nursing, current RN licensure

**Experience Requirements:**
Hospital nursing, discharge planning and/or utilization management and/or community health.

**Job Outlook:**
Good. The effort to continuously improve our patient care processes will require people who understand all aspects of a patient’s stay in the hospital.

**Recommended Coursework:**
College preparatory
Nurse Anesthetist (CRNA)

To provide Anesthesia care to patients before, during and after surgical or diagnostic procedures. The Nurse Anesthetist administers the appropriate anesthesia medications and monitors all important body functions. Must be registered nurses who have specialized graduate Education. Nurse Anesthetists are employed in a variety of settings including hospitals, ambulatory surgery clinics and physician offices.

Educational Requirements:
Bachelor of Science in Nursing with licensure in the State of Michigan and Masters of Science in Anesthesia with certification as a CRNA.

Experience Requirements:
One year acute care nursing before entering Anesthesia Program

Job Outlook:
Employment of nurse anesthetists expected to grow 31 percent from 2012 to 2022.

Recommended Coursework:
Strong Science and math courses
Nurse Practitioner

Nurse practitioners (NPs) are health care workers who wear many hats. They can prescribe medication, often function as primary care-givers in many locations, and, like doctors, can choose to specialize in whatever aspects of medicine interest them most. What's more, they are often able to choose their work setting—whether private practice, emergency facilities, academia or clinics.

**Educational Requirements:**
Baccalaureate and Master’s Degree in Nursing

**Experience Requirements:**
Pervious experience in patient care areas

**Job Outlook:**
Employment of nurse practitioners is expected to grow 31 percent from 2012 to 2022, much faster than the average for all occupations.

**Recommended Coursework:**
High School – College Prep, Sciences; College – Nursing
Nursing Manager

Median Pay:
- $88,726 per year
- $42.66 per hour

To administer, plan and develop services and operations of a patient care unit. Determine needs of the patient care unit regarding staff scheduling, staff education, standards of patient care, and budget. Coordinate all patient care activities including nursing, medical and ancillary services. Direct, guide, teach and supervise nursing personnel.

Educational Requirements:
Bachelor of Science in Nursing with licensure in the State of Michigan, Master of Science in Nursing strongly preferred

Experience Requirements:
Several years experience as a nurse; expertise in clinical area as a RN, effective interpersonal skills

Job Outlook:
Favorable, management opportunities are most prevalent in long-term settings.

Recommended Coursework:
Science and mathematics courses
Administrative Assistant

Executive administrative support that involves a high degree of confidentiality. Performs secretarial work of a complex nature. Performs other related duties as required and assigned by the Director and works on special projects. Administers the Director's personal schedule of appointments and meetings.

**Educational Requirements:**
Associate degree or equivalent work experience.

**Experience Requirements:**
Minimum five years executive level support experience. Type 60 words per minute and strong computer skills, including word processing.

**Job Outlook:**
Employment of administrative assistants is projected to grow 12 percent from 2012 to 2022, about as fast as the average for all occupations.

**Recommended Coursework:**
Typing, Word, Excel, PowerPoint, Outlook

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**Median Pay:**
- $47,132 per year
- $22.66 per hour
Coding Data Specialist

**Median Pay:**
$42,069 per year
$20.23 per hour

To code symptoms, diseases, operations and procedures according to ICD-10-CM, CPT04 and MUPC classification systems for reimbursement, research studies, quality assurance and utilization review.

**Educational Requirements:**
Graduate of accredited health information technology or health information management program with ART, RRA, or CCS credentials.

**Experience Requirements:**
Experience in hospital inpatient coding and DRG assignment, outpatient, CPT coding, and/or professional service coding.

**Job Outlook:**
As health care delivery systems expand, the demand for health information technology professionals is expected to grow faster than average.

**Recommended Coursework:**
Medical Terminology, Biology, Anatomy and Physiology, Pharmacology, and Computer Technology, Disease Processes, as well as HIM specific coursework.
Registrar—Patient Registration

Registration Clerks are responsible for interviewing patients as they come into the hospital either for an elective or emergency inpatient or outpatient procedure. The Registration Clerk is responsible for gathering demographic information (i.e. name, address, phone number, social security number, type of insurance coverage, etc.) about the patient. Once this information has been completed, the Registration Clerk will, if needed, escort the patient to the appropriate department. This key position as a Registration Clerk begins the billing process for any services provided by the hospital.

**Educational Requirements:**
High School diploma

**Experience Requirements:**
Computer proficiency, excellent customer relations skills, confidentiality, medical terminology and prior medical billing experience is preferred.

**Job Outlook:**
Very good, this position could lead into a medical billing or secretarial position. Many physicians seek someone with medical billing experience to manage their office staff.

**Recommended Coursework:**
Medical Terminology, Anatomy, Physiology, Typing, Computers

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**Median Pay:**
- $34,062 per year
- $16.37 per hour
Other Positions
Chaplain

The primary role of Hospital Chaplain is to provide spiritual support, care and comfort to hospital patients and their families. Chaplains also serve as counselors for hospital employees and staff.

**Educational Requirements:**
All Chaplains are required to have Master’s Degree of Divinity. All Chaplains must be endorsed by a religious group and be ordained or consecrated by their faith group. Clinical Pastoral Education (CPE) is also required.

**Experience Requirements:**
Chaplains should have at least three years experience working in a congregation and an institutional internship or residency.

**Job Outlook:**
Good. There is special need for clinically trained, endorsed, ordained, Master’s Degree level Hospital Chaplains.

**Recommended Coursework:**
Psychology, Sociology, Religious Studies, Social Studies
Cook

Prepares food utilizing principles of quantity food cooking for patients, employees in the cafeteria, and special events.

**Educational Requirements:**
High School diploma. Additional courses in food production at culinary arts school or college recommended.

**Experience Requirements:**
Previous experience in quantity food production cooking. Working in large food service operation most helpful.

**Job Outlook:**
Employment of cooks is projected to grow 8 percent from 2010 to 2020, slower than the average for all occupations.

**Recommended Coursework:**
Food service and food production classes in high school and college or training school.

**Median Pay:**
$34,062 per year
$16.37 per hour
The CPD technician cleans and sterilizes used surgical instruments and other medical supplies so that they can be safely redistributed and reused on additional patients. The CPD Technician is responsible for the performance of:

- Terminal cleaning/decontamination of patient care instrumentation and equipment in accordance with regulatory agency standards
- Diagnostic and biological testing of all surgical sterilization equipment and
- Distribution of supplies to hospital departments and nursing units as needed.

**Educational Requirements:**

**Experience Requirements:**
Comprehension of basic microbiological principles.

**Job Outlook:**
Demand for Sterile Processing Technicians should remain high, employment is expected to grow by 17 percent between 2010 and 2020.

**Recommended Coursework:**
Science and Math
Dietetic Helper

Prepares, weighs, and measures ingredients for recipes. Prepares food for patient and employee hospital food service. Works with large quantity computer recipes and institutional equipment. Assists in inventory, receiving, rotating, and storage of food items and supplies.

**Educational Requirements:**
High School diploma or equivalent. Additional education in culinary arts and food production recommended.

**Experience Requirements:**
One-year previous experience in large quantity food service production.

**Job Outlook:**
Entry level position for food production. With additional education, could be promoted to cook and then supervisor.

**Recommended Coursework:**
Food service courses including cooking, baking, and cold food production.
To perform non-invasive tests on the heart using a machine called an electrocardiogram. This machine measures electrical impulses of the heart to check for irregular heart beats.

**Educational Requirements:**
High School Diploma.
BLS Certified Cardiology Technician - Preferred

**Experience Requirements:**
This position is categorized as an entry level position. Many of our EKG Techs are trained in the department. However, quite a few have received training at accredited institutions of higher learning. BCLS helpful.

**Job Outlook:**
Employment opportunities for EKG techs are expected to grow more rapidly in private diagnostic laboratories and doctor’s offices, although hospitals will still employ the majority cardiovascular technicians.

**Recommended Coursework:**
Medical Terminology, ECG Interpretation, Typing, General Science courses
Emergency Center Technician

Median Pay:
$ 34,062 per year
$ 16.37 per hour

To provide patient care as a support for nursing. Responsibilities include venipuncture, transporting, EKG, vital signs, assessment, assisting with treatments and procedures, cleaning and stocking of instruments and treatment areas in the Emergency Room.

Educational Requirements:
High school diploma or GED equivalent. Current American Heart Association BLS for Healthcare Providers certification

Experience Requirements:
One year direct patient care. Requires: EKG and venipuncture experience.

Job Outlook:
Very good, there is high growth with many opportunities expected in managed-care clinics.

Recommended Coursework:
Science courses: Anatomy & Physiology, Medical Terminology
Hemodialysis Technician

The hemodialysis technician assists with patient care and implements hemodialysis treatments and performs dialysis tasks. Operates, dismantles and sanitizes all machines; performs basic trouble shooting of equipment.

**Educational Requirements:**
Must have high school diploma or equivalent. At least two years of college preferred.

**Experience Requirements:**
Required: 1-2 years patient care experience. Prefer: 1-2 years experience with hemodialysis and/or college level science courses.

**Job Outlook:**
Excellent within the field. There is currently a high demand for hemodialysis technicians.

**Recommended Coursework:**
Strong Science background
Home Health Aide

The Home Health Aide will make home visits to provide/assist with the personal care needs of the patient for the population serviced. The duties of the home health aide are planned and assigned by a RN or physical therapist and reviewed during the course of home care. The home health aide assesses each client’s specific age and cultural-related needs when caring for the client. The home health aide must be able to perform basic life support such as CPR.

**Educational Requirements:**
High school diploma or GED equivalent

**Experience Requirements:**
Must be Certified Nurses Aide (CNA) through the state of Michigan. Must have a minimum of 1 year experience working as a nurses aide in a hospital or a Medicare certified extended care facility.

**Job Outlook:**
Employment of home health aides is expected to grow by 69 percent from 2010 to 2020, much faster than the average for all occupations.

**Recommended Coursework:**
Science courses

**Median Pay:**
$30,404 per year
$16.42 per hour
Inventory Control Clerk

Establish and maintain inventory levels and records for the hospital. Develops and implements the hospital's inventory system by distributing supplies and reviewing and resolving any stock shortages.

Educational Requirements:
High School diploma, courses in General Business and Computer Applications

Experience Requirements:
In some instances the employer may ask for minimum one year experience in the field.

Job Outlook:
Opportunities are best for individuals with excellent problem solving skills and a strong understanding of math and computers.

Recommended Coursework:
Business and computer classes

Median Pay:
$ 32,352 per year
$ 15.56 per hour
Librarian—Medical

To provide professional library services to support the patient care, teaching and research goals of the hospital. This includes collection development, document delivery and reference services.

Educational Requirements:
MSLS (Masters of Science in Library Science)

Experience Requirements:
Two years preferred

Job Outlook:
Employment of librarians is expected to grow by 7 percent from 2010 to 2020, which is slower than average for all occupations. There may be competition for librarian positions, but those with library science training may be able to use those skills in other settings.

Recommended Coursework:
Medical Reference tools, medical terminology, computerized database searching, online systems, Internet, html programming.
Medical Assistant

The medical assistant works in the physician’s office assisting with patient appointments, scheduling, registration, and insurance and billing functions. They also prepare patients for physical exam, obtain vital signs, temperature, weight, etc., and perform technical procedures such as phlebotomy, urine/stool collection, and EKGs.

Educational Requirements:
High school diploma or GED. Graduate of Medical Assistant program or other programs as listed.

Experience Requirements:
Must be able to perform diagnostic testing, EKGs, phlebotomy, give injections, blood pressures, and assist in minor surgical procedures. Must be able to communicate effectively with physicians.

Job Outlook:
The medical assistant job outlook is very good. Employment is expected to increase by 31 percent from 2010 to 2020.

Recommended Coursework:
Medical terminology and insurance billing requirements
Nursing Assistant

To provide patient care under the direction of the RN. Duties include personal care and assistance with feeding and mobility.

Educational Requirements:
High school diploma

Experience Requirements:
Prefer previous nursing assistant/patient care experience or Nursing Assistant class.

Job Outlook:
Good, most opportunities and growth are expected in a home care setting.

Recommended Coursework:
Science courses

Median Pay:
$30,404 per year
$14.62 per hour
Security Officer

**Median Pay:**
- $42,068 per year
- $20.33 per hour

Assist in providing a safer environment for physicians, employees, patients and visitors by minimizing risks.

**Educational Requirements:**
Two years of college. IAHSS (Health Care Security Officer) Certification required.

**Experience Requirements:**
Two years minimum in related field with emphasis on the ability to manage conflicts and report, writing skills.

**Job Outlook:**
Opportunities should be favorable in this market that demands increased security.

**Recommended Coursework:**
Emphasis on security or law enforcement related courses. Communications courses would be helpful.
Transporter

The transporter is responsible for patient transportation to and from all nursing and diagnostic areas, and they are also responsible for specimen and item pick-up and delivery. Transporters are a highly visible department with constant patient and visitor contact. In addition, Transporters are required to maintain hospital equipment to assure patient safety. This includes maintenance and filling of portable oxygen carriers.

Educational Requirements:
High school diploma or equivalent

Experience Requirements:
No experience necessary but should have knowledge of proper body mechanics, lifting techniques, good communication skills, patient relations and basic knowledge of computer systems.

Job Outlook:
Average growth

Recommended Coursework:
General studies, basic life support class, basic computer skills.
### Michigan Colleges & Universities

<table>
<thead>
<tr>
<th>School</th>
<th>Website</th>
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<tbody>
<tr>
<td>Adrian College</td>
<td><a href="http://adrian.edu">http://adrian.edu</a></td>
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<tr>
<td>Adrian, MI</td>
<td>800-877-2246</td>
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<tr>
<td>Albion College</td>
<td><a href="http://www.albion.edu">www.albion.edu</a></td>
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<tr>
<td>Albion, MI</td>
<td>517-629-1000</td>
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<tr>
<td>Alma College</td>
<td><a href="http://www.alma.edu">www.alma.edu</a></td>
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<tr>
<td>Alma, MI</td>
<td>800-321-2562</td>
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<tr>
<td>Aquinas College</td>
<td><a href="http://www.aquinas.edu">www.aquinas.edu</a></td>
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<tr>
<td>Grand Rapids, MI</td>
<td>800-678-9593</td>
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<tr>
<td>Bay College</td>
<td><a href="http://www.baycollege.edu">www.baycollege.edu</a></td>
</tr>
<tr>
<td>Escanaba, MI</td>
<td>800-221-2001</td>
</tr>
<tr>
<td>Calvin College</td>
<td><a href="http://www.calvin.edu">www.calvin.edu</a></td>
</tr>
<tr>
<td>Grand Rapids MI</td>
<td>800-688-0122</td>
</tr>
<tr>
<td>College for Creative Studies</td>
<td><a href="http://www.collegeforcreativestudies.edu">www.collegeforcreativestudies.edu</a></td>
</tr>
<tr>
<td>Detroit, MI</td>
<td>800-952-2787</td>
</tr>
<tr>
<td>Central Michigan University</td>
<td><a href="http://www.cmich.edu">www.cmich.edu</a></td>
</tr>
<tr>
<td>Mt. Pleasant, MI</td>
<td>989-774-4000</td>
</tr>
<tr>
<td>Concordia College</td>
<td><a href="http://cuaa.reachlocal.net">http://cuaa.reachlocal.net</a></td>
</tr>
<tr>
<td>Ann Arbor, MI</td>
<td>888-437-7904</td>
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*Nursing program available*
## Michigan Colleges & Universities

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<tr>
<th>School</th>
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<tbody>
<tr>
<td><strong>Eastern Michigan University</strong></td>
<td><a href="http://www.emich.edu">www.emich.edu</a></td>
</tr>
<tr>
<td>Ypsilanti, MI</td>
<td>800-468-6368</td>
</tr>
<tr>
<td><strong>Ferris State University</strong></td>
<td><a href="http://www.ferris.edu">www.ferris.edu</a></td>
</tr>
<tr>
<td>Big Rapids, MI</td>
<td>800-433-7747</td>
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<tr>
<td><strong>Grand Valley State University</strong></td>
<td><a href="http://www.gvsu.edu">www.gvsu.edu</a></td>
</tr>
<tr>
<td>Allendale, MI</td>
<td>800-748-0246</td>
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<tr>
<td><strong>Henry Ford College</strong></td>
<td><a href="http://www.hfcc.edu">www.hfcc.edu</a></td>
</tr>
<tr>
<td>Dearborn MI</td>
<td>800-585-4322</td>
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<tr>
<td><strong>Hillsdale College</strong></td>
<td><a href="http://www.hillsdale.edu">www.hillsdale.edu</a></td>
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<tr>
<td>Hillsdale, MI</td>
<td>517-437-7341</td>
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<tr>
<td><strong>Hope College</strong></td>
<td><a href="http://www.hope.edu">www.hope.edu</a></td>
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<tr>
<td>Holland, MI</td>
<td>616-395-7000</td>
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<tr>
<td><strong>Kalamazoo College</strong></td>
<td><a href="http://www.kzoo.edu">www.kzoo.edu</a></td>
</tr>
<tr>
<td>Kalamazoo, MI</td>
<td>800-253-3602</td>
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<tr>
<td><strong>Lake Superior State University</strong></td>
<td><a href="http://www.lssu.edu">www.lssu.edu</a></td>
</tr>
<tr>
<td>Sault Ste. Marie, MI</td>
<td>906-635-2674</td>
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<tr>
<td><strong>Lawrence Technological University</strong></td>
<td><a href="http://www.ltu.edu">www.ltu.edu</a></td>
</tr>
<tr>
<td>Southfield, MI</td>
<td>800-225-5588</td>
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<tr>
<td>Macomb Community College*</td>
<td><a href="http://www.macomb.edu">www.macomb.edu</a></td>
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<tr>
<td>Warren, MI</td>
<td>866-622-6621</td>
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<tr>
<td>Madonna University*</td>
<td><a href="http://www.madonna.edu">www.madonna.edu</a></td>
</tr>
<tr>
<td>Livonia, MI</td>
<td>800-852-4951</td>
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<tr>
<td>Marygrove College*</td>
<td><a href="http://www.marygrove.edu">www.marygrove.edu</a></td>
</tr>
<tr>
<td>Detroit, MI</td>
<td>313-927-1240</td>
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<tr>
<td>Michigan State University*</td>
<td><a href="http://www.msu.edu">www.msu.edu</a></td>
</tr>
<tr>
<td>East Lansing, MI</td>
<td>517-355-8332</td>
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<tr>
<td>Michigan Technological University</td>
<td><a href="http://www.mtu.edu">www.mtu.edu</a></td>
</tr>
<tr>
<td>Houghton, MI</td>
<td>906-487-2335</td>
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<tr>
<td>Monroe Community College</td>
<td><a href="http://www.monroecc.edu">www.monroecc.edu</a></td>
</tr>
<tr>
<td>Monroe, MI</td>
<td>734-242-7300</td>
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<tr>
<td>Northern Michigan University*</td>
<td><a href="http://www.nmu.edu">www.nmu.edu</a></td>
</tr>
<tr>
<td>Marquette, MI</td>
<td>906-227-1000</td>
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<tr>
<td>Northwood University</td>
<td><a href="http://www.northwood.edu">www.northwood.edu</a></td>
</tr>
<tr>
<td>Midland, MI</td>
<td>800.622.9000</td>
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<tr>
<td>Oakland Community College*</td>
<td><a href="http://www.oaklandcc.edu">www.oaklandcc.edu</a></td>
</tr>
<tr>
<td>Bloomfield Hills, MI</td>
<td>248.341.2000</td>
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</table>

*Nursing program available*
# Michigan Colleges & Universities

<table>
<thead>
<tr>
<th>School</th>
<th>Website</th>
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</thead>
<tbody>
<tr>
<td><strong>Oakland University</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong><a href="http://www.oakland.edu">www.oakland.edu</a></strong></td>
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<tr>
<td>Rochester, MI</td>
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<tr>
<td>248-370-2100</td>
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<tr>
<td><strong>Olivet College</strong></td>
<td><strong><a href="http://www.olivetcollege.edu">www.olivetcollege.edu</a></strong></td>
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<tr>
<td>Olivet, MI</td>
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<tr>
<td>800-456-7189</td>
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<tr>
<td><strong>Saginaw Valley State University</strong></td>
<td><strong><a href="http://www.svsu.edu">www.svsu.edu</a></strong></td>
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<tr>
<td>University Center, MI</td>
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<tr>
<td>989-964-4000</td>
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<tr>
<td><strong>Saint Mary’s College</strong></td>
<td>**<a href="http://www.stmarys-orchardlake.edu**">www.stmarys-orchardlake.edu**</a></td>
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<tr>
<td>Orchard Lake, MI</td>
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<td>248-683-0528</td>
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<tr>
<td><strong>Schoolcraft College</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong><a href="http://www.schoolcraft.cc.mi.us">www.schoolcraft.cc.mi.us</a></strong></td>
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<td>Livonia, MI</td>
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<tr>
<td>734-462-4400</td>
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<td><strong>Sienna Heights University</strong></td>
<td><strong><a href="http://www.sienaheights.edu">www.sienaheights.edu</a></strong></td>
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<td>Adrian, MI</td>
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<td>800-521-0009</td>
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<td><strong>Spring Arbor College</strong></td>
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<td>Spring Arbor, MI</td>
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<tr>
<td>800-968-0011</td>
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<td><strong>St. Clair County Community College</strong></td>
<td><strong><a href="http://www.sc4.edu">www.sc4.edu</a></strong></td>
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<tr>
<td>Port Huron, MI</td>
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<tr>
<td>(800) 553-2427</td>
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<tr>
<td><strong>University of Detroit-Mercy</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong><a href="http://www.udmercy.edu">www.udmercy.edu</a></strong></td>
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<tr>
<td>Detroit, MI</td>
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<td>800-635-5020</td>
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<td><strong>University of Michigan-Dearborn</strong></td>
<td><a href="http://www.umd.umich.edu">www.umd.umich.edu</a></td>
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<tr>
<td>Dearborn, MI</td>
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<td><strong>University of Michigan-Flint</strong></td>
<td><a href="http://www.flint.umich.edu">www.flint.umich.edu</a></td>
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<tr>
<td>Flint, MI</td>
<td>810-762-3300</td>
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<td><strong>University of Michigan</strong></td>
<td><a href="http://www.umich.edu">www.umich.edu</a></td>
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<td>Ann Arbor, MI</td>
<td>734-764-7433</td>
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<td><strong>Walsh College</strong></td>
<td><a href="http://www.walshcollege.edu">www.walshcollege.edu</a></td>
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<tr>
<td>Troy, MI</td>
<td>800-925-7401</td>
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<tr>
<td><strong>Washtenaw Community College</strong></td>
<td><a href="http://www.wccnet.edu">www.wccnet.edu</a></td>
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<tr>
<td>Ann Arbor, MI</td>
<td>734-374-3229</td>
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<td><strong>Wayne County Community Col-</strong></td>
<td><a href="http://www.wcccd.edu">www.wcccd.edu</a></td>
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<tr>
<td>Detroit, MI</td>
<td>313.496.2600</td>
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<td><strong>Wayne State University</strong></td>
<td><a href="http://wayne.edu">http://wayne.edu</a></td>
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<tr>
<td>Detroit, MI</td>
<td>313-577-2424</td>
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<tr>
<td><strong>Western Michigan University</strong></td>
<td><a href="http://www.wmich.edu">www.wmich.edu</a></td>
</tr>
<tr>
<td>Kalamazoo, MI</td>
<td>269-387-1000</td>
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